

## REMARKS

### I. Status of the Claims

Claims 1-38 are pending. Claims 2, 3, 9, and 11 are amended. Claims 26-38 are new.

### II. Claim Amendments

Claims 2 and 3 have been amended to change “device” to “digital signal processing front end,” to be consistent with claim 1, upon which they depend. Claims 5, 8, and 11 have been amended to change “digital signal processor” to “DSP,” to be consistent with claim 4, upon which they depend. Claim 9 has been amended to correct its dependency, to be dependent on claim 11, which provides antecedent basis for the “digital down-converter.”

No new matter has been added. These amendments should not affect the allowability of the claims.

### III. Double Patenting Rejection

The Examiner rejected claims 1-25 under the judicially-created doctrine of obviousness-type double patenting as allegedly being unpatentable over certain claims of U.S. Patent No. 6,621,433 B1. While applicants disagree with the Examiner’s position, to advance the prosecution of the application, applicants submit herewith a Terminal Disclaimer in compliance with 37 CFR 1.321(c). U.S. Patent No. 6,621,433 B1 is commonly owned with the present application.

Since no other claim rejections have been made, the application appears to be allowable. Withdrawal of the rejection and allowance of the application are respectfully requested.

**IV. New Claims 26-38**

New claims 26-38 have been added. Support for new claims 26-38 may be found at pages 10-16 of the specification.

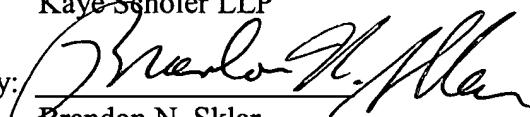
Each of new claims 26-38 is dependent upon, or shares similar claim features with, at least one of allowable claims 1-25. For example, new claim 26 and allowable claim 1 share similar claim features. New claims 27-28 depend from allowable claim 21. New claims 29-31 depend from allowable claim 23. New claims 32-38 depend from allowable claim 24.

Entry and allowance of the new claims are respectfully requested.

**V. Conclusion**

Allowance of the application in light of these Amendments and Remarks is respectfully requested.

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